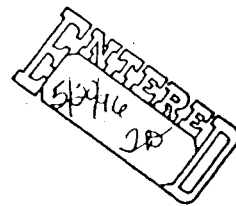


**Beaufort Sea Oil and Gas Development
Northstar EIS Project**

Public Scoping Meeting

Nuiqsut

1996



ORIGINAL

BEAUFORT SEA OIL AND GAS DEVELOPMENT/
NORTHSTAR ENVIRONMENTAL IMPACT STATEMENT PROJECT

PUBLIC SCOPING MEETING

Tuesday, May 7, 1996, 7:30 p.m.

Nuiqsut, Alaska

Alaska Stenotype Reporters

Serving Alaska Since 1953
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PUBLIC SCOPING MEETING - NUIQSUT

1 PARTICIPANTS

2 BP Exploration (Alaska), Inc.:

3 Gary Campbell
4 Cindy Bailey
5 Chris Herlugson
6 Ian Leavitt

7 Dames & Moore EIS Preparation Team:

8 Gary Hayward
9 Kim Morris
10 Jon Isaacs
11 Steve Braund

12 LEAD AGENCY

13 U.S. Army Engineer District, Alaska:

14 Tim Jennings
15 Terry Carpenter

16 COOPERATING AGENCIES

17 North Slope Borough:
18 Tom Lohman

19 U.S. Environmental Protection Agency:
20 Ted Rockwell (not present)

21 U.S. Minerals Management Service:
22 Paul Lowry (not present)

23 U.S. Fish and Wildlife Service:
24 Lori Quakenbush

25 U.S. National Marine Fisheries Service:
Jeanne Hanson (not present)

26 Translator: Elsie Crow

27 Reported by: Karen Ford
28 Alaska Stenotype Reporters

29

1 Tuesday, May 7, 1996, Nuiqsut, Alaska, 7:30 p.m.

2

3 TIM JENNINGS: (Inupiat translation by Elsie
4 Crow.) Good evening. I would like to welcome you to this
5 meeting tonight. My name is Tim Jennings and I am with the
6 Corps of Engineers.

7 The purpose of this meeting is for us to obtain
8 public comments regarding BP's Northstar project and
9 Beaufort Sea oil and gas development.

10 I would like to thank you for having us to this
11 meeting. I know that you are busy and you have been to a
12 lot of meetings over the past few weeks and months.

13 I would like to introduce some of the other
14 people here tonight on the Environmental Impact Statement
15 team.

16 Also from the Corps of Engineers is Terry
17 Carpenter, and Terry is our project manager on the project.

18 Also on the EIS team is Tom Lohman of the North
19 Slope Borough and Lori Quakenbush of the U.S. Fish and
20 Wildlife Service.

21 Unable to attend the meeting tonight is Paul
22 Lowry of the Minerals Management Service and Jeanne Hanson
23 of the National Marine Fisheries Service and Ted Rockwell
24 of EPA.

25 Also seated at the head table is Gary Hayward

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1 from Dames & Moore, who is a consultant with Dames & Moore
2 who is preparing the Environmental Impact Statement for the
3 agencies.

4 At the end of the table is Gary Campbell from
5 BP.

6 I'm going to start briefly with a request that I
7 had when we attempted to have the meeting last month. The
8 city requested that we explain briefly the agency roles and
9 responsibilities. There is a handout at the front table
10 that lists the agencies and the permits that could be
11 issued for decisions that will be made and the basic
12 responsibility of each agency. The agencies that have an
13 asterisk beside them are part of the EIS team.

14 Once you have had a chance to look that over, at
15 the break or afterwards, if you would like additional
16 information or dialogue on what kind of permit decisions
17 will be made, based upon this sheet, we would be happy to
18 talk with you further about that.

19 Also on the table tonight is a newsletter. On
20 the third page in there is a little flow diagram showing
21 the process. There is a little hand here that shows where
22 we are in the process of the EIS, the Environmental Impact
23 Statement process. I want to emphasize again that we are
24 early in the process. This is a scoping meeting. It's
25 sort of like a preapplication stage. No permit decisions

1 have been made. We are here to gather your concerns and
2 hear from you about what kind of issues and concerns you
3 have for this project so we can carry those concerns
4 forward as we develop the Environmental Impact Statement.

5 I want to explain briefly and emphasize that BP
6 is the project sponsor and the applicant, and that the
7 agencies, the federal agencies mentioned, the Corps of
8 Engineers, Fish and Wildlife Service, Environmental
9 Protection Agency, Minerals Management Service and the
10 North Slope Borough, are cooperating to prepare the
11 Environmental Impact Statement. Those agencies are
12 neutral. We are not for the project, we are not against
13 the project. No permit decisions have been made. We are
14 early in the process.

15 And Tom Lohman is here, if you would like to
16 explain briefly the Borough's role in the EIS team. This
17 is the first EIS, Environmental Impact Statement, where the
18 Borough has been a cooperating agency, or is a cooperating
19 agency with the federal agencies, and we are very pleased
20 that the Borough has made that decision to be a cooperating
21 agency with the federal agencies.

22 TOM LOHMAN: (Inupiat translation by Elsie
23 Crow.) I'm going to stand up, since I'm more comfortable
24 moving around when I talk.

25 I don't know if Elsie has introduced herself.

PUBLIC SCOPING MEETING - NUIQSUT

1 This is Elsie Crow. I think most of you know her. She is
2 our translator tonight. Thanks for coming along.

3 Again, my name is Tom Lohman. I am with the
4 North Slope Borough's wildlife department. I have been
5 with the Borough about nine years, with the law department
6 for the first four and a half of that and the wildlife
7 department for the last four and a half of that.

8 And I understand that you folks have had a whole
9 lot of meetings in this town in the last couple of months
10 dealing with a lot of different projects and a lot of
11 different proposals from a lot of different federal
12 agencies and oil companies.

13 And for those in the Borough it has been kind of
14 hard to keep it all straight, so I have a hard time
15 imagining how difficult it might have been for some of you
16 to keep all the different meetings straight and the
17 different projects that people are sort of throwing at you
18 at the same time.

19 I have spoken with the mayor and the mayor
20 wanted me to make a couple of things very clear tonight.
21 There seems to have been maybe a little confusion --
22 probably our own fault -- about where the Borough stands on
23 this project. And I think the best way to describe it is
24 to explain that there are two different projects going on,
25 and we have probably made some mistakes in calling certain

1 things "the project" when we meant a different project.
2 The two projects are the Northstar development that British
3 Petroleum, BP, wants to do, and then there is this EIS
4 project, or Environmental Impact Statement project, and
5 that is what the Borough is involved in.

6 What BP has proposed to do has triggered this
7 whole Environmental Impact Statement process. And what the
8 Environmental Impact Statement is, you'll hear us calling
9 it the EIS, and it is going to be a big document. That's
10 going to be the Environmental Impact Statement that gets
11 produced. And that document -- you have all seen those
12 documents before, and a lot of times we have had some
13 problems with those documents that other agencies have put
14 together. This is the first one we've seen out of BP so
15 there is no criticism of BP here. But we the agencies are
16 putting together this document.

17 And so we are one of the authors essentially of
18 the document. It's going to be our document and we want it
19 to be as good a document as it can be. And what the
20 document is going to do is analyze all of the potential
21 environmental impacts of the project that BP wants to do.

22 So when you hear the phrase cooperating agency,
23 it does not mean the Borough is cooperating with BP in
24 pushing its Northstar development project, it means that we
25 are cooperating with five federal agencies to put together

1 a document that analyzes the possible impacts of that
2 project.

3 And part of being a member of that team of
4 agencies that's going to put together the EIS is the
5 requirement that we don't make any permitting decisions in
6 the North Slope Borough and the other federal agencies
7 don't make their permitting decisions until the end of the
8 EIS process. So until we have a document to look at that
9 tells us all the possible impacts, we are not going to say
10 yes or no to this project. So that's what we are -- as Tim
11 said, we are very early in that process. We are coming to
12 you folks, asking you folks to tell us what issues do you
13 want to see discussed in that big document.

14 And again the last thing I will say now -- I
15 will say a little more later -- is that the Borough has no
16 position yet on this project. The Borough will not take a
17 position on this project until the EIS is completed and we
18 have that document to look at to help us make the decision.
19 But, again, we want the document to contain all of your
20 concerns, all of information we can get out of you, so that
21 when those decisions are made it will be the best decision
22 it can be.

23 So, again, thank you all for being here. This
24 is one opportunity for you to provide input to us, and I
25 mean me through the Borough and the other federal agencies

1 who are present. But also we are available at all times to
2 take your input. What we will do with any input you give
3 us is feed it to the agency team and hopefully you'll see
4 it in the document. And, again, as Tim said, this is the
5 first time that the Borough has been part of a group
6 putting together one of these documents. So I can commit
7 to you on behalf of the mayor that we are determined to
8 make sure that your input gets in this document in a more
9 meaningful way than you may have seen your input from
10 previous meetings end up in other documents that have been
11 put together. So that is where we stand right now.

12 Frank, do you want to say something?

13 FRANK LONG: You mean to say our comments
14 regarding issues is now put in a book which will be about
15 foot thick?

16 TOM LOHMAN: It might be.

17 FRANK LONG: What kind of promises do we get out
18 of it?

19 TOM LOHMAN: It might be a foot thick. Well,
20 that's up to the mayor, is what I'll tell you now, but
21 right now the Borough has no position.

22 If you folks -- I don't know if I want to step
23 out of where we are in the agenda.

24 Can I have permission to step out of where we
25 are in the agenda for a second?

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1 TIM JENNINGS: If you need to, step out.

2 TOM LOHMAN: If I need to. I've always got to
3 respond to Frank.

4 We've gone to a lot of trouble to try to make
5 sure that the comments that are given to us by local people
6 and organizations on the North Slope are incorporated in
7 this document in a way that they have not been incorporated
8 in documents in the past. And one of the things we are
9 doing, for instance, is searching through the testimony of
10 past meetings, because a lot of these people have said the
11 same thing over and over again. Frank, you're one of them.
12 I've heard you say the same thing over and over again, and
13 maybe you're a little tired of saying it. So we're going
14 to go back and look through some of the transcripts and try
15 to get that information from previous things you have said
16 and to try to document it. And to help us do that from the
17 Borough's standpoint and the agencies' standpoint, as much
18 information as you can give us in great detail is useful to
19 the process.

20 And, again, if you are not comfortable giving it
21 to us here at the meeting, some of the things may require
22 more in-depth conversations, again, you can contact us.
23 There are also comment cards over on the table -- you
24 probably have one -- where you can send us information.

25 But the kind of things that I need to hear on

1 behalf of the Borough, if you say I want this project for
2 these reasons or I don't know want this project for these
3 reasons, we need to hear why. Not just that you want it
4 you do not want it, but why, because it's the why that has
5 to get dealt with in the document.

6 So we are going to try to do a better job,
7 Frank. I can't tell you that it's going to be a perfect
8 document, and I can't tell you that every word you say is
9 going to appear in that document exactly as you said it,
10 but I hope that we can capture the concerns that you
11 express in a better way than you've seen in other
12 documents. And if they don't, you come after me and we'll
13 talk about it.

14 FRANK LONG: I am going to add my comment to t'
15 Corps of Engineers who are here.

16 Regardless of how many comments or remarks we
17 make toward a certain project, whether it be inland or out
18 in the Beaufort or the Chukchi, there is always a way
19 around, that you guys go ahead and permit a certain company
20 to do exploration or development.

21 Will our comments have any effect toward the
22 regards of this Northstar project?

23 TIM JENNINGS: Your comments will be, as Tom
24 mentioned, taken seriously and considered in the document.
25 And when each of the agencies reach the decision point,

1 this document that Tom has referred to is what the
2 decisionmakers in our agencies will use to make their
3 decision.

4 Okay. Moving forward with tonight's meeting --

5 TOM LOHMAN: If I can interrupt for a second.

6 Again, for the purposes of the -- we have a
7 court reporter up here. This is Karen. She has been
8 traveling to the villages with us.

9 Again, if you want your comments reflected in
10 the record, you need to tell her who you are.

11 That was Frank Long who just spoke. And, again,
12 it will be very helpful if you can identify yourselves.

13 And I would like, when someone speaks, if they
14 could give just a little information about yourself. It
15 would be helpful to know that Frank is a whaling captain.
16 Frank has other credentials that he may want to give you
17 when he speaks again. I'm sure you are going to speak
18 again, Frank.

19 Those are the kind of things that help us when
20 we prepare the document, to know who you are when you speak
21 and a little about you and the amount of experience that is
22 behind the comments that you are giving us.

23 TIM JENNINGS: (Inupiat translation by Elsie
24 Crow.) To move forward in tonight's meeting, we would like
25 to first have Gary Campbell of BP present BP's conceptual

1 plan for the Northstar project, regarding alternatives that
2 they have looked at for pipeline routes, the status of any
3 engineering design that they are currently working on and
4 any planned studies and work for this summer related to the
5 project.

6 Following that presentation will be Gary Hayward
7 from Dames & Moore who will explain a little bit more about
8 the EIS process and an overview of the scoping and public
9 involvement process. As I mentioned, Dames & Moore is the
10 third-party contractor preparing the EIS.

11 Then after those two brief presentations, we
12 will ask to hear from you regarding what concerns, what
13 issues that you would like us as agencies to consider, when
14 a year from now, next spring, the agencies will be making
15 decisions regarding this project.

16 GARY CAMPBELL: (Inupiat translation by Elsie
17 Crow.) Thank you.

18 Thank you very much for coming out tonight in
19 this beautiful weather. I would have a hard time
20 convincing myself to come inside to hear people from out of
21 town.

22 BP is very interested in making the Northstar
23 project a success. That means supporting the EIS process
24 that is happening with the federal agencies and the North
25 Slope Borough as a cooperating agency. We look at it as a

1 way to help replace some of the declining production on the
2 North Slope. And, again, we are very interested in making
3 a successful project at Northstar.

4 To describe the project a little bit, I had the
5 good fortune about a year ago, Cindy Bailey and I came up
6 and had the opportunity to meet with the mayor, just to
7 briefly let them know that BP was interested in Northstar.
8 Where we are at today is we are looking at an offshore
9 development. It will be the first offshore development in
10 the Arctic. Endicott does stick out into the Arctic in the
11 Beaufort there a bit but it is actually connected by a
12 causeway to the island. Northstar will be a stand-alone by
13 itself offshore. It's about six miles from the mainland.
14 It encompasses state and federal leases. There are two
15 federal leases involved. And it is all, essentially all
16 within the North Slope Borough taxation assessment
17 district.

18 There are several key issues that are part of
19 the design. The first one I want to talk about briefly is
20 the structure that we would like to use offshore. We have
21 looked at several options, from the CIDS, which is a
22 concrete island drilling structure. Most of you can
23 actually see it. It's parked outside federal waters there.
24 Shell used it and Amerada Hess used it to drill exploration
25 and appraisal wells at Northstar. We have looked at that

1 structure. We've looked at Molikpaq, which is another
2 structure that is currently in the Canadian Beaufort. We
3 looked at the concrete-retaining islands, or
4 caisson-retained island. And we are also looking at Seal
5 Island, rebuilding Seal Island and making it a little
6 larger than what it is today to house the production
7 equipment as well as drilling equipment.

8 The next thing I want to talk about in the key
9 issues and design is where the major facilities are going
10 to be located. The island is being sized to hold most of
11 the facilities; however, we expect that we will need to use
12 some of the existing facilities onshore. So when it is
13 totally designed -- and we are not there yet, and I will
14 talk a little bit about where we are in engineering design
15 here in a few minutes -- but it will probably be a
16 combination of new facilities offshore, maybe some new
17 facilities onshore and use of existing facilities onshore.
18 Whether that's process or pipeline and right-of-ways or
19 BSMS that already exist, we haven't yet established what
20 the final design is, but it's probably going to be a
21 combination of some new as well as some existing
22 infrastructure and facilities.

23 The pipeline is probably one of the major issues
24 that we are looking at in terms of design issues. We are
25 looking at approximately 50,000 barrels of oil per day in

1 terms of production rate. Conceptual engineering has two
2 pipelines planned, a 12-inch oil pipeline and a 10-inch gas
3 pipeline. The gas pipeline will be used early in the
4 project to actually take gas to the island for the drilling
5 and later on in the field life gas production from the
6 island will go to shore, assuming that at some point in the
7 future we have some gas sales on the North Slope.

8 There are several routes that we have looked at
9 in terms of where best to take the pipeline from the
10 offshore structure to the mainland. One of them is a
11 straight shot into Point Storkersen. We have a couple of
12 alternative routes that go to Milne Point, we have a couple
13 of routes that go down to West Dock. And the whole idea is
14 we are looking at all of the possible sharing of
15 infrastructures, possible routes that would allow us to
16 maximize the use of existing facilities, and at the same
17 time be the safest design, have the least environmental
18 impact from an offshore pipeline point of view.

19 Some of the studies that we currently have going
20 tie directly to our construction techniques primarily on
21 the island. One of the major studies that we are still in
22 the middle of is the test trench, and I believe there was
23 one or two representatives from Nuiqsut that were able to
24 get over about a month ago and take a look at the test
25 trench as it was being worked. For those of you that

1 weren't there, we did two, actually three -- a test pit, a
2 test trench inside the barrier islands, and a test trench
3 outside just north of Stump Island -- primarily to learn
4 not only the engineering activities but how best to arrange
5 the equipment and the pipeline to safely put the pipeline
6 in place below the seabed from the mainland to the offshore
7 structure.

8 I might just add that some of the pictures on
9 the display here describe in a certain way how we intend to
10 put the pipeline into the trench below the ice. And if you
11 would like, after I would be glad to stand around and talk
12 to you about how we are planning to do it and obviously get
13 any comments or suggestions you have about how best to do
14 it.

15 In terms of status of our engineering, to date
16 we have completed conceptual engineering, and that was
17 where we determined all of the different alternatives that
18 I've talked about today, the facilities onshore or offshore
19 of the structure, the various pipeline routes. We are now
20 starting to work with what we call preliminary engineering
21 where we are starting to evaluate and do what we call
22 alternative analysis on the various alternatives to bring
23 them down to what we would like to think as BP's preferred
24 alternative. But, again, we are working very much in sync
25 with the EIS process. We are completely separate but we

1 still need to work with them because it's the EIS process
2 that will determine what the impacts are and what is the
3 best alternative, assuming the project goes forward.

4 A couple of things that we have already
5 incorporated into our design criteria actually came from
6 Leonard and I think Thomas when we were here last May.
7 That was no gravel bags for slope protection around the
8 island. There was a concern that was raised in terms of
9 the bags breaking up in storms and floating and getting
10 caught in boats, the motors and propellers of boats, and so
11 we have avoided that design, we are going with the concrete
12 matting. Another issue was the noise. We are doing
13 studies currently in terms of what kind of noise the
14 equipment that we are looking at as a possible part of the
15 process, what noise levels they are going to make and what
16 impact those noises will have. And also color was raised
17 as a concern last May when we were here and we would like
18 to hear from you in terms of color that is going to be
19 least disruptive to not only your movements but also animal
20 movements and mammal movements, et cetera.

21 The last key issue I want to talk about is
22 permitting. BP has not applied for any permits yet. We
23 have voluntarily in fact asked for the EIS process to be a
24 part of this project. We believe that the EIS is necessary
25 and the right thing to do. As such we consider ourselves a

1 cooperating applicant. We are trying to support the EIS
2 process in any way we can even though we are not a part of
3 the EIS itself.

4 And I think that is all I have to say. Again,
5 thank you very much for coming out tonight. This beautiful
6 weather, I would be tempted to stay at home or play
7 outside. Thank you.

8 TIM JENNINGS: Thank you, Gary.

9 Gary Hayward.

10 GARY HAYWARD: (Inupiat translation by Elsie
11 Crow.) My name is Gary Hayward and I'm from Dames &
12 Moore's Anchorage office and the project manager for the
13 preparation of this EIS effort.

14 In addition to the agencies and BP, we have
15 assembled a team of experts to assist us with this project.

16 JON ISAACS: Speak louder, please.

17 GARY HAYWARD: In addition to BP and the
18 agencies here tonight, we have assembled a team of experts
19 to assist us with this effort that are familiar with North
20 Slope issues and North Slope processes, many of which are
21 here tonight. One is Jon Isaacs who has been working with
22 us on the Slope here for a while. Another is Steve Braund,
23 working on the subsistence and resource issues.

24 As Tim has mentioned, I am sure you have all
25 seen our newsletters or heard announcements on the radio or

1 have gotten other announcements in the mail regarding
2 tonight's meeting. We are in the very early stages of the
3 EIS process, a process called scoping.

4 Prior to tonight we have had similar meetings
5 like this in Kaktovik and Barrow, in Fairbanks, Anchorage
6 and Valdez, and we have met with a host of other federal
7 and state agencies.

8 The purpose of this meeting tonight is to
9 provide you with initial information regarding the
10 Northstar project and on the gas development in the
11 Beaufort Sea in general, and also to provide you an
12 opportunity to raise issues and your concerns related to
13 oil development including traditional Native knowledge and
14 experience as it relates to subsistence, ice, weather
15 conditions and other resources.

16 It is important to remember that this could be
17 the first offshore oil and gas development in the Beaufort,
18 and as such it has several aspects which are different than
19 previous exploration activities that have gone on in the
20 past. Some of these different aspects include year-round
21 operations, and include more helicopter and vessel
22 transport and traffic, and oil transportation from a
23 facility offshore to shore-based facilities.

24 And although BP has presented what they are
25 proposing as their Northstar project, the EIS process

1 requires that we consider a wide range of alternatives.
2 Some of the alternatives could include different oil
3 production structures rather than a gravel island that's
4 been proposed, as well as other modes of oil transportation
5 to shore than pipelines.

6 And to reemphasize some of what Tom Lohman has
7 mentioned about how we are going to structure this EIS, we
8 are going to make every effort to make this a much more
9 user-friendly document than the previous EISs you've seen,
10 and incorporate to the extent that we possibly can
11 traditional knowledge and experience that we can gather
12 from you folks. And we will have separate sections devoted
13 to traditional knowledge and you will be able to see how
14 your comments have been addressed -- one, if they are
15 incorporated in the document and, second, where they are
16 addressed.

17 And in addition to the scoping meetings tonight
18 and the previous scoping meetings that we had in other
19 villages, we are planning a series of follow-up meetings
20 between now and the next few weeks with selected members of
21 your communities, along with Kaktovik and Barrow, to help
22 refine some of these issues related to traditional
23 knowledge and related experience, in addition to going back
24 through previous testimony and previous EISs and public
25 hearing testimony to bring that information in as well.

1 And that will be incorporated into the EIS document.

2 And in addition to the newsletter you received
3 for this meeting, there will be a series of follow-up
4 newsletters as this project progresses, and in addition to
5 that there will be a series of other public hearings as the
6 draft EIS is released sometime later this fall.

7 Again, thank you for your attendance tonight.
8 We look forward to your comments and your testimony.

9 With that, I will turn it back over to Tim to
10 solicit your comments.

11 TOM LOHMAN: A couple things real quick.

12 First, for the record, that is a really cute
13 baby.

14 Second, we are about to get to the most
15 important part of the meeting, which is hearing you. And
16 it's my mistake, but we should have done this earlier. I
17 have asked Alice Woods to lead us all in prayer before we
18 get to hearing your testimony.

19 ALICE WOODS: (Prayer in Inupiat.)

20 ELSIE CROW: We are going to take a ten-minute
21 break.

22 TIM JENNINGS: So, to 25 till, and then we'll
23 have testimony.

24 (Recess.)

25 TIM JENNINGS: (Inupiat translation by Elsie

1 Crow.) We would like to begin again. We would like to
2 open the floor up to anybody who would like to give us your
3 comments or your testimony about what would you like to see
4 in the EIS document, what would you like to have the
5 decisionmakers have in terms of knowledge and information
6 to make decisions.

7 If you would be so kind as to please state your
8 name and, as Tom mentioned, if you have long experience
9 like Frank or Patsy as whaling captains, if you would
10 explain that for the record -- we have a court reporter, we
11 want to be sure and get the information that you have --
12 and then give us your comments. We would be pleased to
13 have that.

14 Is there an elder or anyone who would like to
15 speak first, or a whaling captain or a city official who
16 would like to be first?

17 TOM LOHMAN: Leonard, is there anything you want
18 to say?

19 LEONARD LAMPE: My name is Leonard Lampe. I am
20 the vice mayor for the city of Nuiqsut.

21 We are very concerned about the Northstar
22 development because, first of all, it's being an offshore
23 well or a near-shore well, and that still needs to be
24 found, whether it's offshore or near-shore. We are very
25 skeptic about the oil spill response. Some of us are on a

1 village response team and we have been on drills on
2 exploratory offshore wells. And we have seen where the oil
3 spill response team kind of puts their hands in the air
4 because of ice conditions, so we are very skeptic about oil
5 cleanup if there is a spill. As a member, I am.

6 I am also concerned about a few things like if
7 we are going to have flames out on the project, if there is
8 going to be any flames flaring out on the project. Because
9 it's very close to the whaling base of Nuiqsut called Cross
10 Island, so I am very concerned on the migration and the
11 impactment on the whales when we are out there. Because it
12 makes whales more spooked and more dangerous for the crews,
13 so I am very scared for the crews on the behavior of the
14 whale.

15 On the lights, I want to see -- you know, it
16 might disturb migration. I want to make sure, if there are
17 going to be any flames out there as well as discoloration
18 to the environment, different colors.

19 Also, on lighting, beams, lighting beams on the
20 project as well. We are concerned -- we know that there
21 are some state codes that you have to follow, but we would
22 like you to try to make it as close as you can to the
23 environment.

24 Overall, I am still sceptic about the project.
25 Personally I haven't made a decision opposing or endorsing

1 the project until I have heard both sides from BP. We have
2 pretty much heard -- so we would like to give BP a chance
3 of stating how they can clean up, how can they protect our
4 subsistence lifestyle and still develop this project.

5 Another question I had is are you going to
6 restrict us from boating near the project? Are we going to
7 be still allowed access to that area? There are some
8 questions on assistance. If local residents were out there
9 in need, would BP assist those as well as whalers that are
10 in need? Emergency aid is what I'm talking about.

11 Also on your project, how are you going to
12 resupply the project? Like you have to bring in supplies,
13 so how are you going to do that? By helicopter, by air?
14 So that doesn't ease me that you are going to have a lot of
15 noise disturbance if you are going to be supplying by air
16 or by boat.

17 And also a big question. This is kind of the
18 first offshore development on the North Slope so this is
19 kind of an opening door to opening offshore. So, you know,
20 this is very scary. We have always grown up to say no to
21 offshore. And if this project goes through, there is going
22 to be other companies, other leases that the state is going
23 to be giving out, leasing out, other parts of the ocean,
24 not just Northstar. But this is going to be an opening
25 door. When this goes through, all other companies are

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1 going to look at the North Slope for offshore wells.

2 So I am asking you do you have any additional
3 development? Are you looking at a west Northstar in our
4 area? The delta of the Colville and the Miluveach are very
5 sensitive areas to this village.

6 I think that I pretty much state most of my
7 concerns, but overall I am still skeptic about the project.
8 I would like to hear BP's side of how would they clean up
9 on oil spills. That's my biggest concern on an oil spill.

10 And, again, my name is Leonard Lampe. Thank
11 you.

12 TOM LOHMAN: Leonard, can I interrupt you for a
13 second?

14 You've expressed a lot of really good concerns.
15 Again -- I'm not trying to put you on the spot now, there
16 is plenty of time you can respond in writing or you can
17 respond later tonight. But when you talk about things like
18 lights, it's helpful for us to know what you want, not just
19 what you're concerned about. So if you think lights are a
20 good idea for navigation, then that gets in the EIS. If
21 you think lights are a bad idea because they'll scare
22 whales away or interfere with the whaling, we want to know
23 that.

24 Boating restrictions, when you say you want to
25 know if they are going to prevent you, I assume what you

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1 are saying is you don't want them to prevent you from being
2 in the area.

3 LEONARD LAMPE: Yes,

4 TOM LOHMAN: That's important to have. You said
5 emergency aid. I think you were real clear about that.
6 You expect them if they are out there to help you.
7 Resupply, you said we want to know about helicopters and
8 boats. It would be helpful for us to know what you want if
9 you want it. No helicopters, or you want no boats, or you
10 want helicopters and boats on a very definite schedule once
11 a week so you know where they are. Those kind of things
12 would help us a lot and would help BP a lot in their
13 planning.

14 So again I'm not trying to put you on the spot
15 now, but you've given us a lot to think about, and now that
16 we're thinking about it, we in the Borough in particular
17 want to do what you want. So if you guys can think about
18 those things and tell us where you're --

19 LEONARD LAMPE: It's going to be a very hard
20 decision even to think about, I mean now. I don't want to
21 be explaining to my boys or my children or any of Nuiqsut
22 children why they can't go whaling because there was an oil
23 spill. I want to make that clear. I want everybody's kids
24 to go whaling. I want my kids to go whaling, I want their
25 kids to go whaling. And if there is a disaster, I don't

1 want to be the one to answer to their children why didn't
2 we speak up against this project.

3 I just want to put that in the record, that
4 everyone needs to testify tonight. And also they need to
5 think about their future as well in jobs and this might be
6 the answer, but it might not be -- you know, it's a very
7 hard decision to make. But I don't want to be the one to
8 explain to their children or my children if there is no
9 more culture, no more whaling. And we all know that the
10 whaling is the base of our culture. And I don't want to
11 explain to my children why there is going to be no whaling
12 if a disaster happens.

13 And I would just like to hear BP's side of how
14 they plan to protect the sea as well as our culture and
15 still trying to develop this.

16 But I will write to you in more details about
17 the concerns that I have stated to you.

18 TIM JENNINGS: Thank you, Leonard. Thank you.

19 JOHNNY AHTUANGARUAK: My name is Johnny
20 Ahtuanguaruak.

21 (English translation by Elsie Crow) He just
22 wanted for anybody that speaks Inupiat for me to translate
23 for you guys in English. I'll speak up.

24 He just wanted to explain that I need to
25 translate for those that are speaking in Inupiat to you

1 people so you understand and then they understand.

2 (Inupiat translation of Leonard Lampe's
3 testimony by Elsie Crow.)

4 PATSY TUKLE: (English translation by Elsie
5 Crow.) This is Patsy Tukle. He is also a whaling captain.

6 His concern right now is he feels that the
7 people that are here right now have already done all the
8 work and now, after you have completed all this work that
9 you are doing, you come to us? His concern is that are you
10 coming to us when you are done with your work and now it's
11 too late for them to give you their comments? That's his
12 concern.

13 And his concern is also during whaling season,
14 if they do go ahead with this development, will they be
15 able to stop this development, you know, the work and
16 everything that is going on, during whaling season. That
17 will be in the springtime and fall time.

18 FRANK LONG: Fall time.

19 TIM JENNINGS: October, September? October.

20 PATSY TUKLE: (English translation continuing by
21 Elsie Crow.) There is a fueling station, I guess, at Cross
22 Island and he is concerned that during when they are out
23 boating and stuff that the fuel runs out pretty fast, and
24 would the people that are around there working be able to
25 help them with the fuel supplies. During whaling season

1 especially, when they are out whaling they tend to run out
2 of fuel pretty fast when everybody is out there whaling,
3 and that's a concern. Can you help with the fuel.
4 Especially if you are going to build a road up this way, it
5 would be one of his concerns.

6 And he is also concerned about his comments
7 being put into that report, the EIS report.

8 TIM JENNINGS: Does he want them in the report?

9 ELSIE CREW: M-hm.

10 PATSY TUKLE: (English translation continuing by
11 Elsie Crow.) That is the reason he is asking are you folks
12 here after it is too late for our comments to be put in
13 this report.

14 ALICE WOODS: My name is Alice Woods.

15 I have got a question. Are they going to put a
16 road all the way from the land where you decide you want
17 it?

18 TIM JENNINGS: BP is not proposing to build a
19 road. BP is not proposing a road out to Seal Island,
20 Northstar Island.

21 ALICE WOODS: Because there is different fish
22 that we catch here that travels all the way from Mackenzie
23 River. So are they going to -- my question was if they put
24 in a road, they could pack a lot of Native food that we
25 hunt down there.

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1 TIM JENNINGS: There won't be a road.

2 ALICE WOODS: And if they are putting the pipe
3 under, how much are they going to disturb the species
4 underneath? Any answer for that? Because every year we
5 all know they travel a lot toward here all the way from
6 Mackenzie, Arctic sisco that we get in the month of
7 October.

8 TIM JENNINGS: So you are concerned about the
9 Arctic sisco coming from the Mackenzie River?

10 ALICE WOODS: Yes. We do catch those here.
11 And other things, from here they go down that
12 way and hunt seal, bearded seal and other. So how much
13 they going to disturb them? How long?

14 TOM LOHMAN: When does that activity take place?

15 ALICE WOODS: Yeah, the activities of the
16 animals.

17 TOM LOHMAN: When is that? When do you hunt
18 seals?

19 FRANK LONG: Spring through fall.

20 ALICE WOODS: (Speaking Inupiat.)

21 Another thing is all these meetings, any meeting
22 from oil companies, we've been asking for local hire, local
23 trading. None. Even ARCO didn't hire even though they
24 were about how many miles from us. Only a few. And there
25 is not young people graduating. I don't think BP ever have

1 any Native training or local hire. And these so close to
2 us, and if we had a hard time with our hunting, where are
3 we going to get the money from? My grandchild, where are
4 they going to get a job?

5 Another thing is if they had an oil spill, how
6 are we going to survive? Or are we getting help from
7 Northstar BP, whoever? Do they give us dividend every
8 three months for us to buy meat after they've destroyed so
9 much of the animals that we ate?

10 I don't think they would listen to us, but we
11 have to survive too, like sucking the oil from down there.

12 (Speaking Inupiat.) That is what I asked them.
13 Maybe Nuiqsut will be the first one to, if oil spill done.

14 TOM LOHMAN: A quick response to Alice and to
15 Patsy. There will be a document called a scoping report
16 that will come out, and that will include the hard work
17 that this nice lady is doing over here which she'll type
18 up, so you'll be able to see what you said and make sure
19 that it was translated -- we're having a lot of translation
20 tonight, which is really good.

21 ALICE WOODS: It is very, very risky, you know,
22 mostly for our grandchildren, they be there and something
23 happens.

24 TIM JENNINGS: What Leonard -- where are you
25 Leonard? Leonard has asked that we send two copies of the

1 minutes or the recording from the meeting tonight to the
2 city so that you can look it over and make sure that what
3 gets transcribed is accurate. So Leonard will be sending
4 that to you.

5 Frank. Frank Long.

6 FRANK LONG: My name is Frank Long. I am
7 president of the Nuiqsut Whaling Captains Association. I
8 am also secretary/treasurer for the Native village of
9 Nuiqsut.

10 I have had some concerns about this project
11 since day one when I first heard that Northstar was on the
12 policy of development. To me it was something that I would
13 never have wanted to hear. And I went down to Anchorage
14 for a meeting and they had discussed this project during
15 that time. It scared me. But all in all, we know what we
16 all want. The industry wants to do their thing for one
17 reason only, to supply oil to the nation. We as Natives
18 want to survive also as subsistence hunters, and living in
19 this area for a number of years. I should say since time
20 immemorial. We have survived without any industry before
21 they come around to do any exploring. We have studied a
22 lot of things in land and in water. I am still afraid if
23 they go ahead and develop this project. The very thing
24 that they really haven't studied is current and ice
25 movement. There is a big polar icecap out there that you

1 all don't know which way it moves when it decides to. It
2 doesn't care what's in its way once it starts moving.
3 Obstruction to the polar icecap is like a little toy that
4 will break down. The burial of that pipeline is
5 something -- I know in the bay it won't matter much as it
6 will going out further to deeper water. You are planning
7 to develop on 50 feet of water on moving ice. Once that
8 polar icecap hits your project, it won't stop it once it
9 starts moving. Maybe it will destroy it or shove it over.
10 I am afraid of that, because once that big ice moves either
11 direction, whether from the east or from the west, it will
12 damage a lot of things.

13 There is a lot of interest in this project, not
14 only BP but other oil industry agencies. We have dots over
15 there on these maps. I think they are pertaining to whale.
16 This one is from '79 to '96. Where they get all those
17 little dots from, I don't know. That one is from 1980 to
18 1982. It looks more -- I don't know who produced this, but
19 some years when there is a tremendous amount of activity in
20 the Beaufort, especially in the Prudhoe Bay all the way to
21 Kuvlum area, it is very hard for us to harvest even one
22 whale in a season; whereas when this activity is limited,
23 it does not take us two weeks to get, or meet our quota of
24 four.

25 If this happens to go ahead and be developed by

1 starting as of next year, what other company is going to
2 come over next to do the same thing? Will it be Exxon or
3 will it be ARCO? There are various exploratory wells out
4 in the Beaufort that is further than this project,
5 Northstar.

6 There is air pollution that we should consider.
7 There is water pollution that the industry produces. There
8 are all kinds of little things that we should consider in
9 this project. One of the guys claimed that he will use
10 concrete matting. Will that hold? Noise is a big factor
11 to us whalers. Traffic, air traffic, boat traffic is a big
12 factor. These are a lot of things that we should consider
13 on this EIS.

14 And I am still saying, regardless of what Tom
15 said earlier, they are helping to produce the EIS, which we
16 all supposedly get to read when it is done. Who knows how
17 thick it will be. A lot of comments in previous EIS
18 documents, comments from my own people in my village have
19 not been put in the book in writing. And like Patsy said,
20 I am even hesitant myself to even comment in something like
21 this, because once a document is written, our words are
22 not -- for the past 22 years we have been dealing with the
23 industry. And it -- well, most times it kind of hurts us
24 on the end, that we can't get near them, we can't get a job
25 out of them and they are not supplying us with anything.

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1 They get their goods but they left us with nothing.

2 (Speaking Inupiat.)

3 Thank you.

4 TIM JENNINGS: Thank you.

5 HATTIE LONG: I am Hattie Long. I am the
6 community health rep for the North Slope Borough. And I
7 would like to add a little bit more on the air pollution
8 that Frank was talking about.

9 You have stated in this pamphlet that there is
10 engineering considerations, effects on cultural resources
11 and air and water quality considerations. I would like to
12 know how effective your quality considerations will be for
13 air and water. We get a lot of yellow haze out of Prudhoe
14 all year long, and we have been concerned that the haze
15 could be the cause of health problems like bronchitis in
16 all ages and asthma that have been very persistent this
17 past year since the time that the haze started hovering
18 over Nuiqsut. And I am wondering of your activities, will
19 that haze, the air pollution that collects together and
20 just hovers over our land all during winter, will that haze
21 be the same way down there on the ocean and will that
22 affect the sea animals that we have down there.

23 (Speaking Inupiat.)

24 TIM JENNINGS: Thank you, Mrs. Long.

25 TOM LOHMAN: Hattie, we said earlier that some

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1 people are going to be coming back to the community to
2 follow up and do some more in-depth personal interviews. I
3 think Jon is going to be one of the folks coming back, and
4 Steve Braund. I don't know if you know these two guys.
5 They are working with Dames & Moore. Jon has worked with
6 the Borough for many years in the past, and so has Steve,
7 doing a lot of work on the whale census that we take for
8 the IWC. So these are people we are comfortable working
9 with. We hope when they come back to your community you
10 are comfortable working with them.

11 What you talked about about bronchitis and
12 asthma and those concerns, it would be helpful, I think,
13 when they come back to town if you could give them
14 statistics and things about the rates of those problems in
15 town. It would help to identify your concerns a little
16 more concretely for the document.

17 And the same kind of thing with my buddy Frank
18 over there. I'm sure they're going to come back and talk
19 to you and maybe talk about how big something would have to
20 be to withstand the kind of ice you talked about, those
21 kind of issues. So that is the kind of follow up we're
22 expecting.

23 This is Susan Atos.

24 SUSAN ATOS: I have been working on that project
25 and working with Cindy Bailey and ARCO and BP and the EPA,

1 and we should be coming to Nuiqsut by the end of this month
2 hopefully and have a workshop concerning the health issues.

3 TOM LOHMAN: And again, that is Susan Atos from
4 the North Slope Borough planning department. And anything
5 that comes out of that kind of a conference meeting gets
6 fed into the EIS process as well. So anything that is
7 produced out of that, you need to get to me or get to the
8 Corps when you do that.

9 SUE ATOS: (Inupiat translation by Elsie Crow.)
10 We will be having a pre-op meeting about this to get more
11 information about what the community wants, and then later
12 on we'll get all the federal agencies here to verify about
13 the air quality, the land and seawater issues.

14 ISAAC NUKAPIGAK: I had a concern earlier, just
15 to follow up -- my name is Isaac Nukapigak. I would like
16 to ask the representative from British Petroleum of how big
17 the Northstar pad you are looking at. I notice a
18 six-mile-long trench. Have you guys ever considered
19 looking at other options on the route of the pipeline? Is
20 there technology of doing polar sonic drilling? You stated
21 very well on the document that there will be a lot of
22 disturbances on the habitat of the fish. I am very, very
23 leery of the construction of the pipeline trenching mode.
24 That's kind of -- you know, I am not against the
25 development or anything like you are proposing, but there

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1 is some other different alternative that can be done. One
2 of them is that trench technology where you will be able to
3 trench from onshore to where, the location where the
4 drilling will be.

5 The other thing that I think -- I was looking
6 earlier at the bowhead whales survey done by the
7 (inaudible) service on the (inaudible) and the bowhead
8 migration. You can see there is a lot of identified
9 sightings of bowheads, but it doesn't show actually what
10 the different boundaries were in the different years. I
11 think that would give a very good right idea of which route
12 the bowhead migration would be. It's a 15-year study and
13 you can see a lot of dots on that where they had spotted
14 some bowhead whale, but it doesn't show the years how, what
15 type of boundary they had, whether they are closer or out
16 of reach.

17 Another question that I'd like to have brought
18 up to the attention of British Petroleum, in the past of
19 the exploratory activity that took place in the Hammerhead
20 and the Kuvlum project, that there was an agreement, an oil
21 well agreement between Shell and the Nuiqsut Whaling
22 Captains Association where that was very helpful to our
23 community. In communications, for example, radio
24 communication and to find where. And as he stated earlier,
25 Patsy's request, I do believe if there is a mechanism to

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1 where an agreement, knowing that this project will go
2 through, and that this community is the one that is going
3 to be affected. I do believe that the oil industry and the
4 whaling association of Nuiqsut needs to work together in
5 setting up an agreement where we could possibly utilize
6 some of your vessels to transport the quarter that they
7 get. Like Patsy had stated earlier, that without adequate
8 equipment, the whale that they caught ended up sometimes
9 getting spoiled especially when it's really warm, when it's
10 pretty warm.

11 And, Tom, you guys said earlier, too, that what
12 we want to see in the EIS. Eliminate air traffic is a good
13 example. During the time that the Nuiqsut whales are out
14 there, to eliminate the air traffic for any type of vessel
15 traffic until the quota has been met by Kaktovik and
16 Nuiqsut. (Inaudible)

17 Us Natives depend on different types of species
18 of marine habitat and mammals.

19 Another issue that I would like to see is the
20 oil industry set aside some funds, environmental impact
21 funds that the community that is going to be impacted
22 utilize, because knowing that the governor of the state of
23 Alaska had already signed a bill on the Northstar, he had
24 already made negotiations with BP, and now it's in the
25 legislators' hands of how they will process that Northstar

1 development, where everybody could sample that local hire.
2 BP had stated very well that they would utilize local
3 contractors, local employment opportunity for Alaskan
4 people.

5 So those are some of the things that I am kind
6 of concerned about, especially if a disaster should occur,
7 because we are the ones that is the closest community that
8 is going to be impacted on that Northstar development.
9 That if anything ever did occur, I would like to see some
10 guarantees that we are, the community is compensated for
11 the loss of what our habitat or the mammals that we depend
12 on. (Speaking Inupiat.)

13 TIM JENNINGS: Isaac, could I ask you a
14 follow-up question? You mentioned the six-mile-long
15 trench. I think you mentioned something about an
16 alternative that you had in mind. I didn't catch that.

17 ISAAC NUKAPIGAK: I would like to know if BP had
18 ever considered looking at different alternatives besides
19 the trench.

20 TIM JENNINGS: Yes. And did you have a
21 suggestion on drilling?

22 ISAAC NUKAPIGAK: The suggestion I had was that
23 ultrasonic drilling that there is the technology that that
24 will lead away the disturbance of the waterbed underneath,
25 because there is a different type of technology -- there is

1 a technology on that ultrasonic drilling that they could
2 utilize.

3 TIM JENNINGS: Okay. That's what I didn't
4 catch. Thank you.

5 TOM LOHMAN: One more thing. There is a sign-up
6 sheet. Again, we're going to have people coming back to
7 town. Obviously you're one of the guys we need to talk to
8 when we come back to town so I hope you've signed up on the
9 sign-up sheet. And I don't know how you guys are going to
10 handle it, maybe we can talk about that sometime this
11 evening, how you as a community want these guys to contact
12 you when they get back to town and sit and talk in small
13 groups. But, again, some of the things you have said have
14 raised very specific questions we need to address. We'll
15 promise you to do what we can to try to get maps that show
16 individual years and try to do it in relationship to
17 whatever industrial activity was taking place that year so
18 you can see --

19 ISAAC NUKAPIGAK: It really doesn't give a broad
20 picture of each year how the migration of the Beaufort
21 bowhead whales.

22 TOM LOHMAN: Yeah, that's an interesting map, it
23 shows a lot of dots, but doesn't give you a real picture --

24 ISAAC NUKAPIGAK: It has a lot of dots but
25 doesn't show how far each year the boundary is. That will

1 give a very good general broad idea of the migration of the
2 bowhead.

3 TOM LOHMAN: Right. When these guys come to
4 town we'll try to make sure that they have maps that you
5 can sit around and talk about.

6 Also you mentioned that you want to get to talk
7 about limited air traffic and resupport, resupply of the
8 facility. When they come back to town -- again, I'm not
9 trying to put you on the spot now, but if you have a
10 specific idea of what ought to happen, you know, no
11 helicopters during the month of September, or one --

12 ISAAC NUKAPIGAK: That is going to be the main
13 disturbance during Nuiqsut's whaling season.

14 TOM LOHMAN: So again, that's the kind of thing
15 we need you to get very specific about.

16 ISAAC NUKAPIGAK: We're the community that is
17 going to be impacted, especially that Northstar being just
18 within the neighborhood of the Nuiqsut whaling captains,
19 their land bases.

20 TOM LOHMAN: (English translation by Elsie
21 Crow.) So, again, when they come back here, you can give
22 them specifics of what you want and we'll get what you want
23 in the document.

24 And, again, the other thing just to add on --
25 again, I'm talking way too much as I always do -- but it's

1 real helpful to us in the Borough when one person says
2 something. When it gets down to coming and having these
3 follow-up meetings, if other people agree with them, you
4 ought to say that so that if we have an opinion at the end
5 we don't just say, you know, one person, Isaac, said this,
6 but we're able to say, you know, ten whaling captains all
7 said this. That has a lot more power when it ends up in
8 the document if we can find out what you all agree on, what
9 other things -- what maybe one person has thought of maybe
10 other people haven't thought of. So if you would do that,
11 thanks, I would appreciate it.

12 ISAAC NUKAPIGAK: (Speaking Inupiat.)

13 (English translation by Elsie Crow.)

14 What he is talking about is that he was
15 explaining that those dots that we see on that map were
16 done over a 15-year period and what he wants to see is the
17 difference -- if you do it in one year, he would like to
18 see what the difference is in that one year, the migration
19 of either going that way or this way.

20 ALICE WOODS: I've got one more.

21 Our fishing season wasn't very good this year.
22 You know, there were a lot of men going down, put nets all
23 24 hours, some get one. A lot of them continue, continue,
24 they finally quit.

25 TIM JENNINGS: This is for Arctic sisco?

1 ALICE WOODS: Ice netting, yeah.

2 TIM JENNINGS: Under the ice.

3 ALICE WOODS: Arctic sisco. Even though we are
4 down below, there is so much activity on that side. It was
5 terrible, because we shared those fish with the other
6 villages. Behind the (inaudible) moose camp, that is where
7 my son put a net. (Inaudible.) He finally said I am tired
8 of wasting my motor gas. I might as well take my net out.
9 We have no idea that what you guys know -- they are
10 scientists. They are all the time out there for species or
11 they check them every five years or what. It's very --

12 (Interrupted.)

13 ALICE WOODS: Yeah. My husband been here years
14 and years. This is where he is raised and it is a terrible
15 year for fishing. Logging them somewhere, or anybody
16 anywhere can answer this one besides Tom? No answer. So
17 there is something, funny thing going with these
18 (inaudible).

19 (Interrupted.)

20 TOM LOHMAN: Yeah, I just was at a meeting last
21 week in Anchorage, and Leonard brought that up -- Leonard
22 Lampe. But Leonard brought that up real forcefully at a
23 meeting we were at last week. And Mike (inaudible) said
24 that periodically the saltwater doesn't come in, and those
25 fish come in with the saltwater and the water didn't come

1 in this year.

2 TIM JENNINGS: Okay. Next.

3 JOE NUKAPIGAK: My name is Joe Nukapigak,
4 president of Kuukpik.

5 I notice that here that you have the second
6 stage, which is scoping meeting. And shortly, I don't know
7 how long from now, that there will be a public hearing in
8 regards to the draft EIS, is that correct? Do you have a
9 time line for that when that might be?

10 TOM LOHMAN: November maybe.

11 JOE NUKAPIGAK: November. Okay, take that long.
12 Between now and that you are gathering concern from the
13 villages, and as well as from other villages as well as
14 from Anchorage and Fairbanks, and because of this. And I
15 take it that the respective agencies who give out permits
16 have already identified what a general description of
17 affected environment might be of dangerous effects. I am
18 wondering if somebody here in this audience who is
19 representing agencies can tell this community what is this
20 that BP or some of the agencies already know that we are
21 not aware of.

22 TIM JENNINGS: I don't know that I understand
23 the question.

24 JON ISAACS: Maybe I can see if I can understand
25 the question to see if I have it right.

1 My name is Jon Isaacs. I'm part of the Dames &
2 Moore team, and Steve Braund and I will be the ones that
3 will be coming back to the village.

4 If I understand what you are asking, you want to
5 know if the EIS process has already looked at the affected
6 environment and the environmental consequences and
7 cumulative impact and if we know anything about that yet?

8 JOE NUKAPIGAK: Yes.

9 JON ISAACS: We are early in the process of
10 scoping. The first step is to come out and explain the
11 process, the project, and listen to your issues and
12 concerns. Then we go back and we do two things. We start
13 looking at earlier studies and reports and start writing
14 about that affected environment. So that hasn't happened
15 yet. But the second part of that is that we want to come
16 out here and talk with the whaling captains and other
17 people in the community and get your concerns, your
18 experience out here on the affected environment. So it's
19 not just Western scientists and studies, but it is also
20 your observations about the polar ice, about when there are
21 storms, things that we need to be aware of as we write this
22 up. Then after that affected environment is done, then we
23 assess the environmental consequences, which is what we'll
24 look at as the potential impacts of this project on the
25 environment and on the people.

1 This will be put out in a draft report, probably
2 November, so there's going to be quite a bit of time before
3 we write that yet and we want to work with the community in
4 helping writing those parts of the EIS.

5 JOE NUKAPIGAK: (Speaking Inupiat.)

6 While I am standing up, I take it that at this
7 time that as of yesterday I remember reading a newspaper
8 article that the state government has recently signed a
9 bill, or the Senate has passed a bill in regards to the
10 Northstar project.

11 TOM LOHMAN: They both passed it, I think. It
12 was passed today by the house as well. That's the
13 financial arrangement between the state and BP.

14 JOE NUKAPIGAK: Well, I would like to review
15 what Frank Long and some other gentlemen here, some of the
16 concerns that these local people have because of the
17 proximity of this Northstar project.

18 Although -- well, in the last 20 years or so
19 that we have been, this is one of the many public meetings
20 on different issues, although the same objective has been,
21 concerned what the traffic might be of the proposed
22 project. With this Northstar project, I don't know to what
23 extent that the AWC has made any agreements to the whaling
24 associations, you know, in terms of cooperative agreement.
25 Has that been done or where are we on that?

1 FRANK LONG: Let me answer that little question.
2 Cooperative agreement between the industry and
3 developing this project is in the process and should be
4 done in a few months.

5 LEONARD LAMPE: I would like to understand. Is
6 that cooperative agreement just for the seismic operation
7 that is going on or is that for the --

8 FRANK LONG: The agreement is for the duration
9 including seismic and development. And I am hoping that it
10 will be, extend for the life of the project. Nothing has
11 been signed yet. Both attorneys are working on it.

12 JOE NUKAPIGAK: So in the absence of this
13 cooperative agreement, then I take it that (inaudible) will
14 abstain from it, is that it?

15 TOM LOHMAN: I'm sorry, Joe?

16 JOE NUKAPIGAK: Just kidding.

17 Then we come to this -- I wonder to what extent
18 BP here in terms of an opportunity, as some of the people
19 have stated, for -- as we all know that the State of Alaska
20 has, you know, they have been having this problem with the
21 constitution with the state. The state constitution and
22 the requirements of a local hire position. And I am
23 wondering if the gentleman over there who is overseeing
24 this project will answer if the intent is to hire Alaska
25 companies.

1 IAN LEAVITT: My name is Ian Leavitt. I am the
2 BP project manager for the North Slope, if it proceeds.

3 First of all, what has been agreed in Juneau is
4 not an agreement to proceed with the project. All that has
5 been agreed there is basically the royalty, the royalties
6 that we would pay to the state should the project proceed.
7 That is basically what has been approved, not the approval
8 of the project.

9 One of the commitments that we have made -- and
10 I don't know exactly what the final wording is, but BP has
11 made a commitment that we will, we will hire and use
12 Alaskan labor to the maximum extent possible for the
13 development of the project. And specifically that includes
14 building the major process modules in Anchorage and using
15 Alaskan labor to help us do that, whereas a lot of the
16 developments in Prudhoe Bay has been produced in the Lower
17 48 states, in the United States. And also we are very
18 committed to use, to use labor from the Fairbanks area or
19 what have you for building the island and installing the
20 pipeline, et cetera.

21 I don't -- again, I don't know exactly what the
22 wording in the final agreement is, but we are going to try
23 very, very hard, as hard as we are able on Northstar to
24 maximize using Alaskan labor. And we will also, we will
25 also be looking very carefully, I'm sure, to see what labor

1 is available from the North Slope area and the villages on
2 the North Slope both for the construction phases of the
3 project and eventually for the operation of the project.

4 And I don't know what else I can say other than
5 that is our commitment.

6 JOE NUKAPIGAK: Well, the reason that I am
7 saying that is, you know, with the changes in the oil
8 industry, you know, the decline in the production of
9 Prudhoe Bay and whatnot and now, you know, with certain
10 companies who have capabilities and whatnot, you know, that
11 alliancing partner has been one that you, it's pretty hard
12 for a small company like Kuukpik to get into is what I'm
13 saying. How common that will be, you know, if anybody from
14 the North Slope is interested in being part of that.

15 TOM LOHMAN: Joe, you guys just had a real
16 important discussion. Do you need to translate it for the
17 rest of the folks? You said some real important things, I
18 think.

19 ELSIE CROW: (Inupiat translation.)

20 TOM LOHMAN: No matter what else happens, you've
21 got your next court reporter over there, I think.

22 UNKNOWN MAN SPEAKER: How many acre pad will the
23 pad be at Northstar?

24 TIM JENNINGS: How many acre pad on the island?

25 UNKNOWN MAN SPEAKER: Yes, on the island.

1 GARY CAMPBELL: It's four and a half acres. 400
2 by 400 foot is what we are currently looking at in terms of
3 size, workable size on the surface of the island. Four and
4 a half to five acres.

5 UNKNOWN MAN SPEAKER: (inaudible) expect to
6 dispose of human waste?

7 GARY CAMPBELL: We will have facilities to
8 handle the waste, and for the most part we will have a
9 disposal well to put them down with cuttings disposal. We
10 also will have like a Class I disposal well to handle all
11 of the waste so they will not be put on the ice surface or
12 disposed of within the bay.

13 UNKNOWN MAN SPEAKER: Is there any type of
14 resource of type of regulations, maybe --

15 TOM LOHMAN: The second one, the EPA.

16 UNKNOWN MAN SPEAKER: -- that will have to
17 approve the disposal of any type of waste, to check into
18 it?

19 GARY CAMPBELL: Very definitely. And we are
20 working with the regulations, both state and federal and
21 whatever local regulations, in order to build in compliance
22 with all of those.

23 UNKNOWN MAN SPEAKER: Because I sort of kind of
24 heard about some penalties, fines being done at Endicott of
25 disposing some, what I kind of heard from out there. I was

1 kind of curious.

2 GARY CAMPBELL: I am not familiar with those
3 specifics, but you are right, there was something not done
4 right. And we are working very closely with federal, state
5 and local agencies to make sure we understand and do it
6 right.

7 TIM JENNINGS: It looks like we have enough
8 people here to have a pilots association meeting.

9 Anyone else who would like to comment or provide
10 us testimony?

11 TOM LOHMAN: Maybe I will just ask. Do you have
12 any input on what the best way might be for these folks to
13 come back and set up meetings?

14 JON ISAACS: Maybe if I can just mention one
15 thing.

16 What we want to do first, people here have been
17 making comments and testimony on oil and gas for the past
18 20 years or longer and we have a lot of that testimony. We
19 want to read through that first so that we understand all
20 the things that you have talked about before so we are not
21 asking you to repeat everything you've said before. Once
22 we understand that, we would like to maybe then contact,
23 work with perhaps Leonard and Gordon in the city and find
24 out a good time to come up and talk with people. I know
25 there are going to be people here that we want to talk to,

1 get the group of the whaling association of Nuiqsut
2 together if that's possible. There is a lot of knowledge
3 there that will be very valuable to us.

4 So that's the way that we would look at going
5 forward. But again we would like to hear if you have some
6 other ideas, if you would suggest how we would come back
7 and work with people here.

8 FRANK LONG: How soon would you like to come
9 back?

10 JON ISAACS: We were talking with the whaling
11 captains in Barrow and they had asked us to come back
12 sometime, I think -- Steve, mid June perhaps?

13 STEVE BRAUND: I would have to look.

14 JON ISAACS: And we know that you are going to
15 be busy during the summer. There is perhaps not a good
16 time to come back until after fall whaling, but our
17 schedule is that we have to come back sometime, so
18 probably -- once we are prepared to come back knowing the
19 issues and not wasting your time, I think sometime maybe
20 mid June or a little a bit later than that.

21 FRANK LONG: I think the later part of the month
22 in June would be a probable time, as soon as you are done
23 with Barrow.

24 LOIS SIMMONDS: Hi, I'm Lois.

25 TIM JENNINGS: Hi, Lois.

1 LOIS SIMMONDS: He said he was going to come
2 back after the whaling season. And there is a lot about
3 whales and that is what we eat, so you should come back fo
4 that and see how much we value it. Everybody.

5 JON ISAACS: That is a good suggestion. I have
6 worked in the Borough for 15 years and I have never been up
7 here during that time and it would be an honor to be able
8 to come up and see it.

9 BERNICE KAIGELAK: I'm sorry I wasn't here
10 earlier. The trench you guys were talking about --

11 TOM LOHMAN: Would you say your name for the
12 reporter.

13 BERNICE KAIGELAK: Bernice Kaigelak.

14 I know that last meeting you guys were here you
15 guys talked about doing a trench to see how the ice --

16 GARY CAMPBELL: The test trench?

17 BERNICE KAIGELAK: Yes.

18 GARY CAMPBELL: Yes, we did a test trench about
19 a month ago. I think there was at least two
20 representatives from the village of Nuiqsut at that, and we
21 learned quite a bit from them. We are preparing a video
22 that we will send to you of the results of that test
23 trench.

24 We felt it was very successful and we learned a
25 lot of things not only about the ice, the water movements

1 beneath the ice and the soil conditions below, but also how
2 best to manage equipment and people on the ice as well.

3 BERNICE KAIGELAK: (Inupiat translation by Elsie
4 Crow.) Well, in order to build this pipeline, how many
5 valves or how far apart will the valves be, like if there
6 was to be a leak?

7 GARY CAMPBELL: In terms of valves, we will have
8 a valve at the outlet of the pipeline on the island, a
9 valve right at the mainland, and a valve where the pipeline
10 reaches the other pipeline. That way we can contain and
11 shut in all the production --

12 BERNICE KAIGELAK: (Inaudible) pipeline?

13 GARY CAMPBELL: I don't know the answer to that
14 I'd have to calculate.

15 BERNICE KAIGELAK: (Inaudible.)

16 GARY CAMPBELL: Yes, we are in the midst of
17 working the oil spill issues. In fact there are meetings
18 tomorrow in Anchorage with a lot of federal agencies, a
19 workshop to take a look at the whole, all the topics around
20 oil spills and how best to clean them up, how best to
21 prepare for them. A lot of those issues, I guess I would
22 like to think that we could follow up with you directly and
23 get some questions and share with you some of our thoughts
24 and get into a dialogue where we can talk about your
25 concerns and how best to approach it.

PUBLIC SCOPING MEETING - NUIQSUT

1 UNKNOWN WOMAN SPEAKER: So what about pollution
2 will that affect the migration?

3 GARY CAMPBELL: I don't think we have specific
4 answers whether it will affect the migration, but we are
5 studying what the noise will be that is generated, the kind
6 of equipment we are using, what kind of noise that will be,
7 and that will be coupled with studies as to what effect
8 that has to whales.

9 UNKNOWN WOMAN SPEAKER: That is not only the
10 island itself but it's the choppers that go back and forth
11 that will be heard.

12 GARY CAMPBELL: (Inupiat translation by Elsie
13 Crow.) Yes. We recognize that access and traffic, whether
14 it's air or on water, will create noise and will have
15 potential impact, and we will include that in our studies.
16 A lot of that is happening right now as we are speaking.

17 ALICE WOODS: I have a last one. I think if you
18 guys go back (inaudible) Nuiqsut, when I think, now it's
19 offshore. We have been dealing with ARCO on that. It's
20 very close where we hunt. So when I think of that, you
21 know, what we go through later as far as oil spill, how are
22 we going to hunt. And I don't think none of you will ever
23 answer us if we ask, if we can't shoot near where the
24 caribous are, how we could get them. I know they put our
25 (inaudible) there, there and there. Now it's offshore. We

PUBLIC SCOPING MEETING - NUIQSUT

1 can't catch whales because they have been disturbed. Who
2 is going to help the Natives? Nuiqsut is growing and
3 squandered by oil companies. It's scary. It will be scary
4 later.

5 Like my mother was raised at Prudhoe Bay, by
6 Niakuk. Many of you have probably seen that house. That
7 is the house where my grandpa built. We can't even camp
8 there. That is where my mother was raised. I have asked
9 Corps of Engineers if we can camp there if it is a good
10 season, like trapping squirrel, what my mother used to
11 trap. They said they would let me know. Me and my aunt
12 asked. We never have any answer. So if we can't go
13 boating near that rig, now what? I don't think Corps of
14 Engineers will ever, ever welcome us there, because we, as
15 kids we went -- we can't even camp near where my mother was
16 raised.

17 FRANK LONG: Would it be right to go after
18 animal right movement for the human race?

19 BERNICE KAIGELAK: Will you have something for
20 us on the trench? When you come back are you going to have
21 information on that?

22 GARY CAMPBELL: Yes, when we come back we are
23 going to have information. Right now we are still
24 combining all of the data. In fact, we've met with EPA and
25 the Corps a couple times this last week to discuss the

1 results of that. They are not yet in a report form that we
2 can give people. But as soon as they are, we will be
3 sending that request.

4 LEONARD LAMPE: If I could interrupt for a
5 minute. Could everybody please state their names for the
6 records so that we could have the accurate record of who
7 has stated what, please. Thank you.

8 I would like to say something. I would like to
9 compliment the Corps of Engineers. I feel better that the
10 Borough is in this, is part of this team. I feel like
11 finally an ear is listening. I mean someone took their hat
12 off and is actually listening to the testimony. We are
13 going to hold you to your word that this goes into the EIS.
14 I will sit down and read this. In the past I have never
15 read them because none of our statements have really gone
16 into the EIS. Some of them, in the past EISs, they have
17 switched around, like somebody in the community commented
18 like they wanted some of this development, 144, for
19 instance. I know for a fact this town objected to
20 offshore.

21 So I just want to thank you for having the
22 Borough as part of your team. I want to thank you for
23 being very serious about listening to the comments and
24 concerns of the village, and that they are really seriously
25 taken. And you say that you want alternatives and are

PUBLIC SCOPING MEETING - NUIQSUT

1 asking the people for comments, and that you are coming
2 back to the villages to collect those alternatives or those
3 comments as well.

4 TIM JENNINGS: I want to thank you for coming.
5 If you have other comments, put them put down on the
6 comment cards. They go direct to the Corps of Engineers.
7 They are preaddressed. And these things end up in the
8 document, too.

9 Okay, I think that concludes our meeting. Thank
10 you.

11 (Proceedings concluded at 10:15 p.m.)
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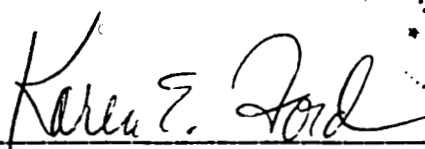
REPORTER'S CERTIFICATE


I, KAREN E. FORD, Registered Professional
Reporter, hereby certify:

That I am a Registered Professional Reporter for
Alaska Stenotype Reporters and Notary Public for the State
of Alaska; that the foregoing proceedings were taken by me
in Stenotype Shorthand and thereafter transcribed by me;
that the transcript constitutes a full, true and correct
record of said proceedings taken on the date and time
indicated therein.

Further, that I am a disinterested person to
said action.

IN WITNESS WHEREOF, I have hereunto subscribed
my hand and affixed my official seal this 17th day of May,
1996.


KAREN E. FORD, RPR
NOTARY PUBLIC, State of Alaska



My Commission Expires July 13, 1999.